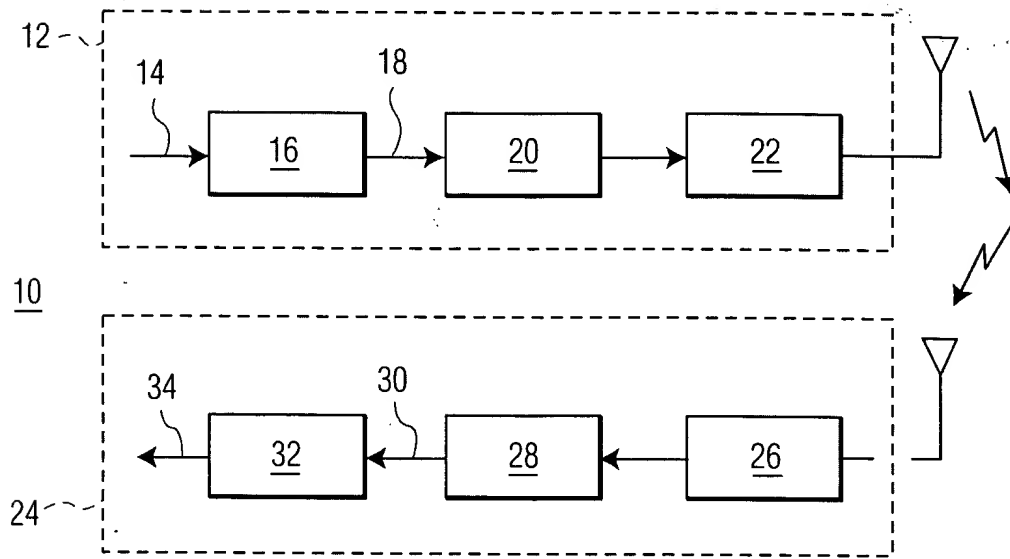


1/5



**FIG. 1**  
PRIOR ART

STANDARD	n	k	GALOIS FIELD SYMBOL SIZE	FIELD GENERATOR POLYNOMIAL	CODE GENERATOR POLYNOMIAL
ATSC-8VSB (US TERRESTRIAL)	207	187	8	$x^8+x^4+x^3+x^2+1$	$\prod_{n=0}^{19} (x + \alpha^n)$
ALL DVB & ISDB (TERRESTRIAL, CABLE, & SATELLITE)	204	188	8	$x^8+x^4+x^3+x^2+1$	$\prod_{n=0}^{15} (x + \alpha^n)$
ITU-B (US CABLE)	128	122	7	$x^7+x^3+1$	$\prod_{n=1}^5 (x + \alpha^n)$ + EXTENDED SYMBOL $c_{ext} = c(\alpha^6)$

**FIG. 2**  
PRIOR ART

2/5

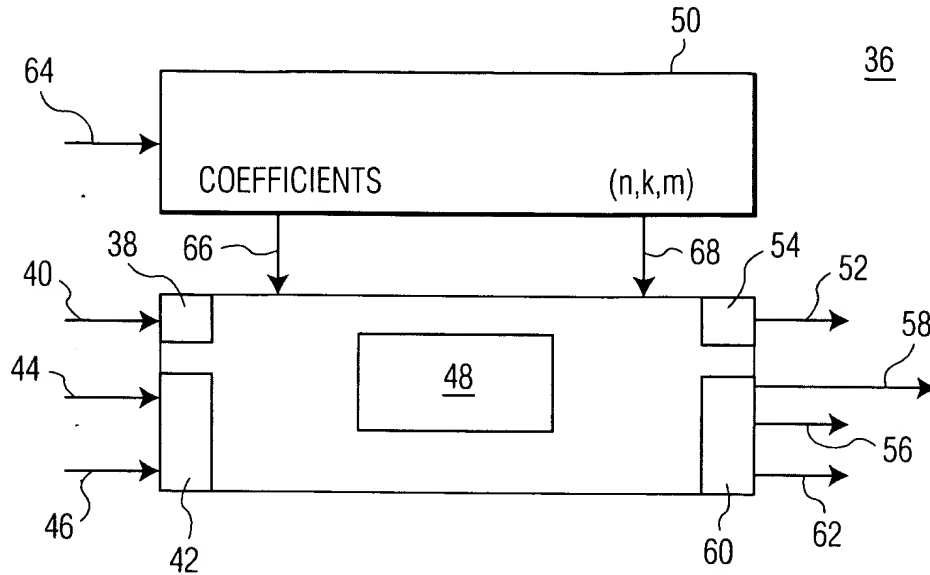


FIG. 3

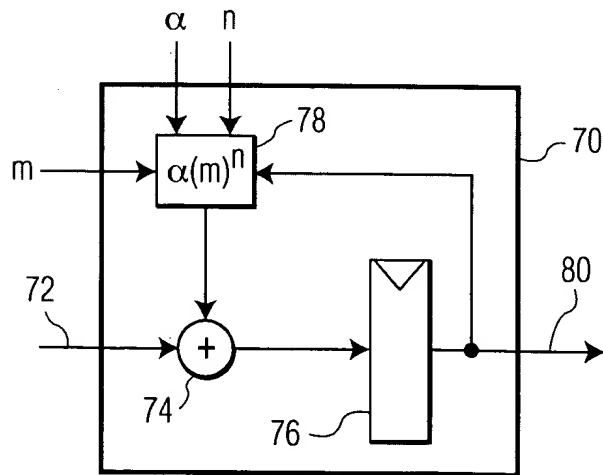


FIG. 4



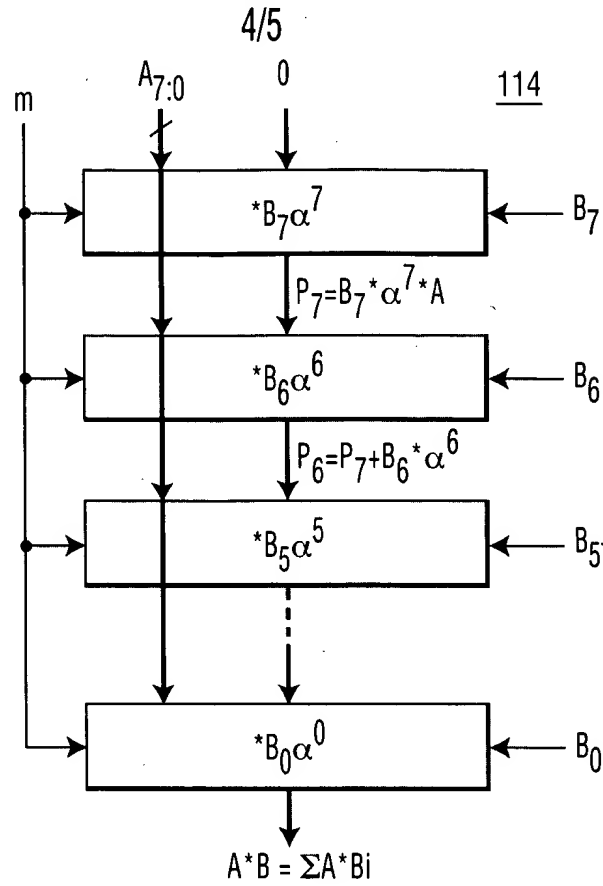
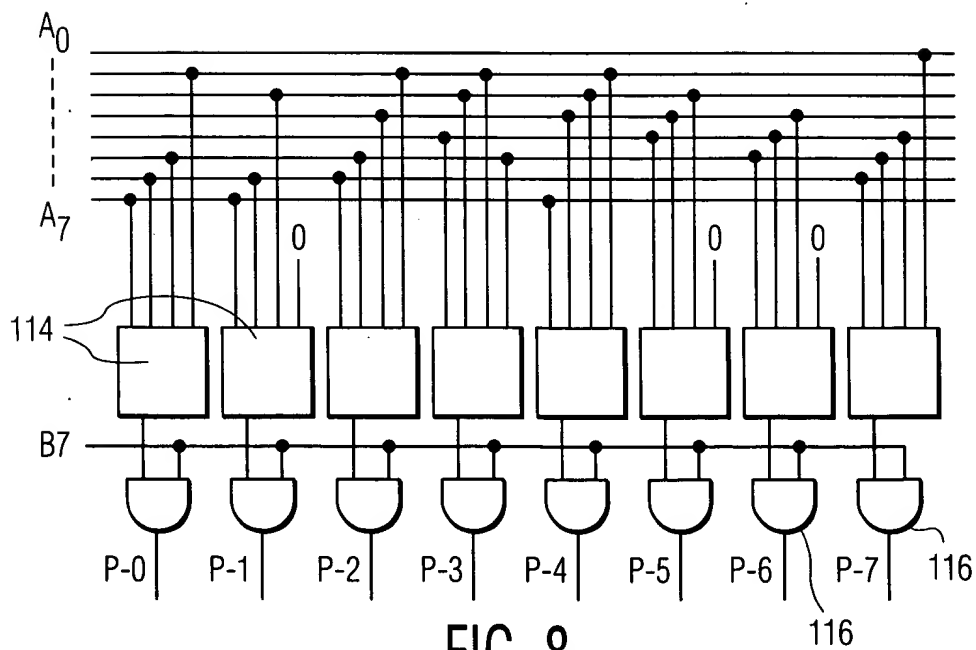


FIG. 7



5/5

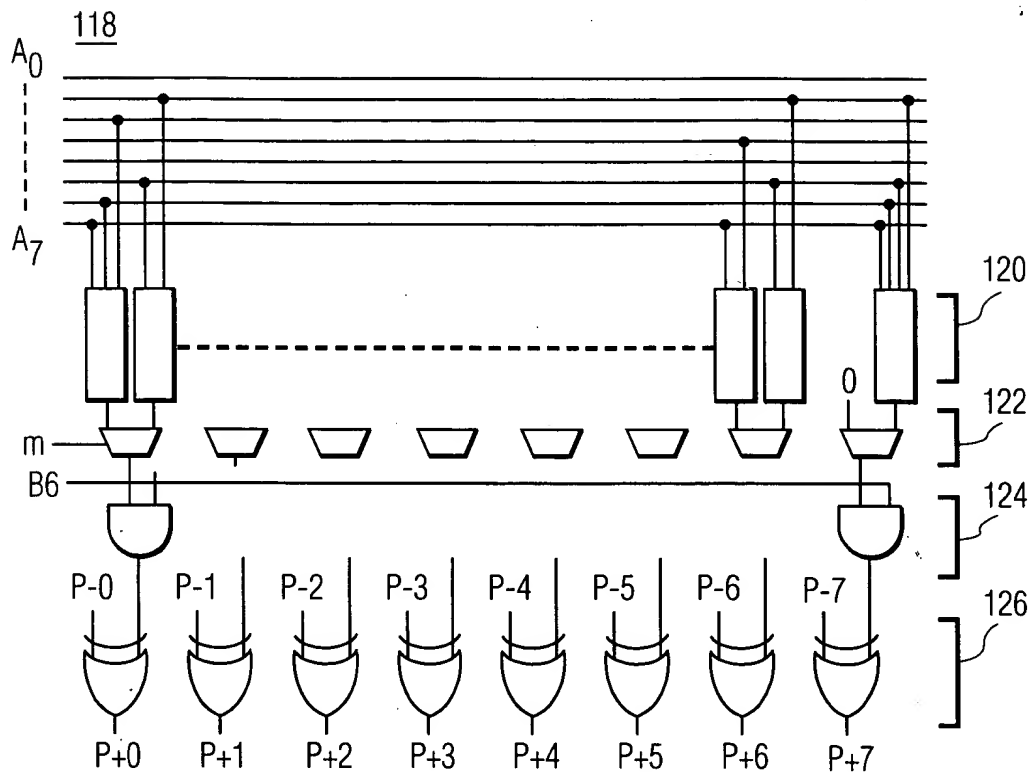


FIG. 9

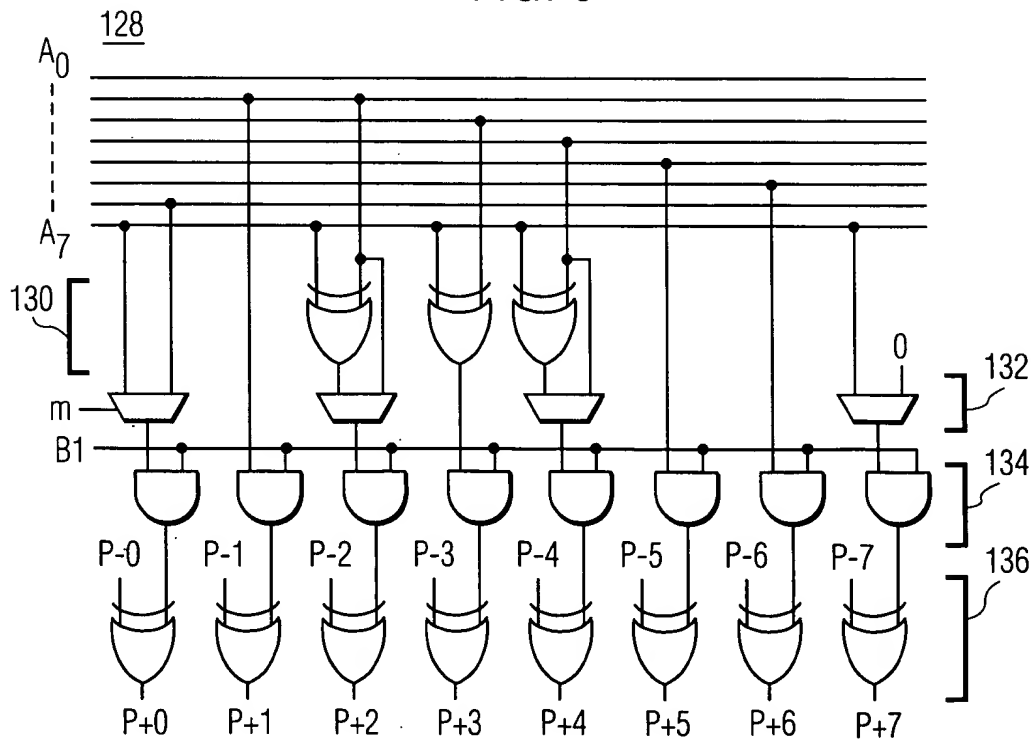


FIG. 10